

General Information

Gene Name Synonym

Activating receptor 1; Lymphocyte antigen 94 homolog; NK receptor KILR-1; NKACTR; Natural killer cell p46-related protein

Protein Construction

A DNA sequence encoding the rat NCR1 (Q9Z0H5) (Met1-Asn255) was expressed, fused with the Fc region of human IgG1 at the C-terminus.

Organism

Rat

Expression Host

Human Cells

QC Testing

Purity

(73.6+23) % as determined by SDS-PAGE

Endotoxin

< 1.0 EU per μg of the protein as determined by the LAL method

Stability

Samples are stable for up to twelve months from date of receipt at -70°C

Predicted N terminal

Gln 17

Molecular Mass

The recombinant rat NCR1/Fc is a disulfide-linked homodimer. The reduced monomer comprises 480 amino acids and has a predicted molecular mass of 54.1 kDa. The apparent molecular mass of the protein is approximately 65 and 36 kDa in SDS-PAGE under reducing conditions.

Formulation

Lyophilized from sterile PBS, pH 7.4

1. 5 % trehalose and mannitol are added as protectants before lyophilization.

2. Please contact us for any concerns or special requirements.

Usage Guide

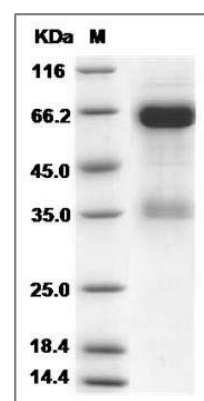
Storage

Store it under sterile conditions at -20°C to -80°C . It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

Reconstitution

Adding sterile water, prepare a stock solution of 0.25 mg/ml. Concentration is measured by UV-Vis.

SDS-PAGE



Rat NCR1 / NK-p46 Protein (Fc Tag) SDS-PAGE